

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	251	("6047083" OR "6148099" OR "6477265" OR "4600597" OR "6541283" OR "2001036306" OR "4527070" OR "5544256")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 09:56
S2	1	("20060240580").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/03 09:56
S3	5	US-6047083-\$.DID. OR US-6148099-\$.DID. OR US-6477265-\$.DID. OR US-4600597-\$.DID. OR US-6541283-\$.DID.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S4	1	"20010036306"	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S5	2	US-4527070-\$.DID. OR US-5544256-\$.DID.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S6	171	(determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verifi\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversi\$4 or evolvi\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

		moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))).clm. and (382/141-149.cds. or 438/14-18.cds.)				
S7	2	((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni	US-PGPUB; USPAT	ADJ	ON	2008/ 09/ 03 09:56

		\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) .clm. and (michelsson or detlef) .in.				
S8	0	(determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

		\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))).clm. and (LEICA MICROSYSTEMS SEMI CONDUCTOR GMBH), as.				
S9	46	(determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verifi\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversifi\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modifi\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))).clm. and (LEICA or MICROSYSTEMS or	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

		SEMI CONDUCTOR or GMBH).as.				
S10	110	(determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength) and (382/141-149.ccls. or	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

		438/14-18.cds.)				
S11	2661	determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out)))	JPO	ADJ	ON	2008/09/03 09:56

S12	214	<p>determin\$3 or detect\$3  or establish\$4 or resolv\$3  or find\$3 or figur\$3 or  discover\$3 or check\$3 or  verif\$7 or elect\$3 or  measur\$3 or attest\$3 or  test\$3 or validat\$3 or  confirm\$3 or indicat\$3 or  ascertain\$3 or authenticat  \$3 or inspect\$4) same  ((wafer or substrate)  same (defect\$3 or deficien  \$2 or deform\$3 or  discoloration or fault\$2 or  drawback or inadequa\$4  or bad or imperfect or  disfigur\$3 or impaired or  corrupt\$3 or cruddy or  erring or erroneous or  mistak\$2 or unsuitable or  incorrect\$2 or damag\$2)  same (chang\$3 or  accommodat\$3 or adapt  \$3 or adjust\$3 or alter\$3  or alterna\$3 or commut  \$3 or diminish\$3 or  diversi\$4 or evol\$3 or  fluctuat\$3 or ((make or  making) adj (innovations  or over)) or merg\$3 or  moderat\$3 or modifi\$4 or  recondition\$3 or redo\$3  or reduc\$3 or reform\$3  or regenerat\$3 or remak  \$3 or remodel\$4 or  renovat\$3 or reorganiz\$3  or replac\$3 or revolutioni  \$4 or shap\$3 or shift\$3 or  substitut\$3 or transfigure  \$3 or transform\$3 or  transpos\$3 or vary\$3 or  varies or tunable or tuned  or tuning or sliding or  slidable or slide or ((pull  \$3 or draw\$3 or push\$3  or roll\$3 or reel\$3) adj3  (in or back or out))) same  (color\$5 or pigment\$5 or  histogram or intensity or  profile or chroma or  chromism or chromat\$5  or wavelength)</p>	JPO	ADJ	ON	2008/09/03 09:56
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S13	18	<p>determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verifi\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversifi\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modifi\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) same (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength)</p>	EPO	ADJ	ON	2008/09/03 09:56
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S14	217	<p>determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversifi\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modifi\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) same (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength)</p>	DERWENT	ADJ	ON	2008/09/03 09:56
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S15	148	determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) same (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength)	IBM_TDB	ADJ	ON	2008/09/03 09:56
S16	1	"6047083".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

S17	1	"6148099".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S18	1	"6477265".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S19	1	"4600597".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S20	171	((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or veri\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and (382/141-149.cds. or 438/14-18.cds.)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

S21	167	((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or veri\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and ((defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
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S22	108	<p>((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or</p>	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

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		check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) and (wafer or substrate)) and (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength) and (382/141-149.ccls. or 438/14-18.ccls.)			
S23	110	((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned	US-PGPUB; USPAT	ADJ	ON 2008/09/03 09:56

or tuning or sliding or  
slidable or slide or ((pull  
\$3 or draw\$3 or push\$3  
or roll\$3 or reel\$3) adj3  
(in or back or out))) clm.  
and ((defect\$3 or deficien  
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discoloration or fault\$2 or  
drawback or inadequa\$4  
or bad or imperfect or  
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corrupt\$3 or cruddy or  
erring or erroneous or  
mistak\$2 or unsuitable or  
incorrect\$2 or damag\$2)  
and (chang\$3 or  
accommodat\$3 or adapt  
\$3 or adjust\$3 or alter\$3  
or alterna\$3 or commut  
\$3 or diminish\$3 or  
diversif\$4 or evolv\$3 or  
fluctuat\$3 or ((make or  
making) adj (innovations  
or over)) or merg\$3 or  
moderat\$3 or modif\$4 or  
recondition\$3 or redo\$3  
or reduc\$3 or reform\$3  
or regenerat\$3 or remak  
\$3 or remodel\$4 or  
renovat\$3 or replac\$3 or  
shift\$3 or substitut\$3 or  
transfigure\$3 or vary\$3  
or varies or tunable or  
tuned or tuning or sliding  
or slide) and (determin\$3  
or detect\$3 or establish\$4  
or resolv\$3 or find\$3 or  
figur\$3 or discover\$3 or  
check\$3 or verif\$7 or elect  
\$3 or measur\$3 or attest  
\$3 or test\$3 or validat\$3  
or confirm\$3 or indicat\$3  
or ascertain\$3 or  
authentikat\$3 or inspect  
\$4) and (wafer or  
substrate)) and (color\$5  
or pigment\$5 or  
histogram or intensity or  
profile or chroma or  
chromism or chromat\$5  
or wavelength) and  
(382/141-149.ccls. or  
438/14-18.ccls.)



S24	171	<p>((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and ((defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2)</p>	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
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		and (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evol\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or replac\$3 or shift\$3 or substitut\$3 or transfigure\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slide) and (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) and (wafer or substrate)) and (382/141-149.ccls. or 438/14-18.ccls.)				
S25	34	S24 and (radius or radial \$2 or polar)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S26	40	S24 and (radius or radial \$2 or polar or distance near2 center)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S27	4	"7047516".pn. or "6960775".pn. or "5835622".pn. or "4922543".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S28	6	"7047516".pn. or "6960775".pn. or "5835622".pn. or "4922543".pn. or "6587582".pn. or "6298149".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

S29	9	("20010005566"   "20010053964"   "20030084420"   "20030140330"   "5807649"   "6168891"   "6249597"   "6335981"   "6656646").PN. OR ("7047516").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/03 09:56
S30	1	("7047516".pn. or "6960775".pn. or "5835622".pn. or "4922543".pn. or "6587582".pn. or "6298149".pn.) and slope	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S31	12	S24 and (radius or radial \$2 or polar or distance near2 center) and slope	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S32	0	"7047516".pn. and (wafer or substrate) and measur \$3	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S33	1	"7047516".pn. and (wafer or substrate)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S34	1	"7047516".pn. and (wafer or substrate or mask\$3)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S35	1	"5887077".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S36	13	("4812904"   "5073952"   "5225890"   "5317648"   "5335293"   "5377277"   "5392359"   "5396080"). PN. OR ("5887077"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/03 09:56
S37	2	"20030170551"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/03 09:56
S38	19066	(normaliz\$5 or wight\$4 or correct\$4) with (radial\$4 or radius or polar)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S39	4129	382/141-152.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S40	59	S38 and S39	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S41	25	S40 and (wafer or substrate)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S42	569	(normaliz\$5 or wight\$4 or correct\$4 or compensat \$3) with (radial\$4 or radius or polar) with (intensity or sensitivity)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56

S43	172	S42 and (wafer or substrate or mask or photomask or photo mask)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S44	3	S43 and (438/14-18.ccls. or 382/141-152.ccls.)	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S45	14	"382".clas. and ((set\$4 or adjust\$3) near3 level near8 slider )	US-PGPUB; USPAT	ADJ	ON	2008/09/03 09:56
S46	1	("20070142735").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/03 12:30

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